

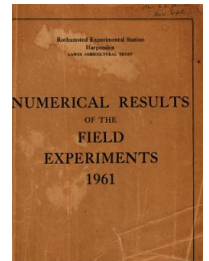
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Yields of the Field Experiments 1961

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61/R/A/7 Rothamsted Garden - Clover

Rothamsted Research

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61/A/7

CLOVER - ROTHAMSTED GARDEN 1961

The 108th year

For history, etc. see "Details of the Classical and Long Term Experiments" 1956.

Molybdenum test 1961: The two plots were sub-divided as in 1960 for a test of molybdenum:-

None; 1 lb sodium molybdate per acre, applied by adding the appropriate quantity in solution in water to dry sand, broadcasting and raking in.

Cultivations, etc.: Muriate of potash applied at 2 cwt per acre: Nov 16, 1960. Ground chalk applied at 30 cwt per acre, plots dug and old clover plants removed: Mar 16, 1961. Second dressing of muriate of potash at 2 cwt per acre and ground chalk at 30 cwt per acre applied: Mar 17. Sodium molybdate applied and seed sown at 40 lb per acre: Apr 13. Cut twice: Sept 4 and Nov 1. Variety: Late Flowering Red S123.

Note: Germination on the perimeter of the area of the plots was poor. This was still noticeable at the time of the 1st cut; but the plant had evened out at the time of the second cut.

Summary of ResultsDry matter: cwt per acre

Muriate of potash: cwt per acre	Spray		Mean
	None	Sodium molybdate	
	<u>1st cut</u>		
None	6.7	1.4	4.0
4	21.2	12.9	17.0
Mean	14.0	7.2	10.6
	<u>2nd cut</u>		
None	2.4	0.4	1.4
4	7.4	8.2	7.8
Mean	4.9	4.3	4.6
	<u>Total of 2 cuts</u>		
None	9.1	1.8	5.4
4	28.6	21.1	24.8
Mean	18.8	11.4	15.2

Mean dry matter % as harvested: 1st cut 17.2
 2nd cut 17.0
 Total of 2 cuts 17.1